

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Docket No. 7540.10

INFORMATION DISCLOSURE STATEMENT

Application of

37 CFR §1.97(b)

James Morrison et al.

**GROUP 3600** 

Group Art Unit: 2161

Serial No. 10/084,588

Examiner: Unknown

Filed: February 27, 2002

FOR: METHOD AND APPARATUS FOR DETECTING ITEM PLACEMENT AND

ITEM REMOVAL DURING OPERATION OF A SELF-SERVICE

CHECKOUT TERMINAL

## **CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on SEP 2 0 2002 (Date of Deposit).

Patricia Carthey

**Assistant Commissioner for Patents** Washington, D.C. 20231

Sir:

In accordance with 37 CFR 1.56 and 1.97-1.98 with regard to the above-identified application, please find enclosed copies of the references listed on the enclosed form entitled "Information Disclosure Statement By Applicant". These references are generally related to self-checkout systems; and they include patents specifically related to self-checkout systems and cited in the prosecution of various NCR applications relating to self-checkout systems.

The following additional references not listed on the Information Disclosure Statement were cited during prosecution of the above-mentioned NCR applications relating to self-checkout systems but do not appear to be specifically related to self-checkout systems:

Patent No.	Issue Date	Title
3,263,774	08/02/1966	CONTROL APPARATUS
3,436,968	04/08/1969	PROCESSING CONTROL SYSTEM
3,681,570	08/01/1972	METHOD AND APPARATUS FOR IDENTIFYING ARTICLES
3,681,571	08/01/1972	SYSTEM FOR IDENTIFYING ARTICLES
3,696,586	10/10/1972	BAGGING AND CHECKOUT COUNTER SYSTEM
3,735,350	05/22/1973	CODE SCANNING SYSTEM
3,819,012	06/25/1974	MERCHANDISE HANDLING AND IDENTIFYING SYSTEM
3,869,575	1	SPEECH-SYNTHESIS SYSTEM
3,947,817	03/30/1976	HAND OPERATED OPTICAL CHARACTER RECOGNITION

Patent No.	Issue Date	Title
r atent ito.	loode Date	WAND
3,949,194	04/06/1976	CHECK-OUT TERMINAL
3,962,569		VALUE COMPUTING SCALE
3,962,570	<del></del>	SCALE WITH MANUAL TARE ENTRY
3,984,667		MOTION DETECTING SCALE
3,986,012		DIGITAL WEIGHT MEASURING AND COMPUTING
		APPARATUS WITH AUTOMATIC ZERO CORRECTION
4,004,139	01/18/1977	DIGITAL SCALE WITH MEANS TO SHIFT DISPLAYED WEIGHT TO SHOW FRACTION OF LEAST NORMALLY DISPLAYED GRADUATION
4,028,537	06/07/1977	PRODUCT PROCESSING SYSTEM WITH PRICE PRINTER
4,069,970	01/24/1978	DATA ACCESS CIRCUIT FOR A MEMORY ARRAY
4,114,721	09/19/1978	METHOD AND SYSTEM FOR ACOUSTIC NOISE LOGGING
4,138,000	02/06/1979	CHECKOUT COUNTER
4,177,880	12/11/1979	COMBINATION SUPERMARKET COUNTER AND CART THEREFOR
4,180,204	12/25/1979	AUTOMATIC INVENTORYING SYSTEM
4,236,604	12/02/1980	START/STOP CONTROL OF CONVEYING MEANS
4,237,483	12/02/1980	SURVEILLANCE SYSTEM
4,327,819	05/04/1982	OBJECT DETECTION SYSTEM FOR A SHOPPING CART
4,347,903	09/07/1982	ELECTRONIC READING BALANCE
4,353,564		SUPERMARKET COUNTER CONSTRUCTION AND METHOD OF USING SAME
4,369,334	01/18/1983	AUDIBLE ANNOUNCEMENT IN AN ELECTRONIC CASH REGISTER
4,369,361		PORTABLE, STAND-ALONE, DESK-TOP LASER SCANNING WORKSTATION FOR INTELLIGENT DATA ACQUISITION TERMINAL AND METHOD OF SCANNING
4,377,741		APPARATUS FOR PRODUCING UPDATED INFORMATION ON A TANGIBLE MEDIUM
4,392,535		ZERO-POINT ADJUSTING METHOD FOR AUTOMATIC WEIGHING APPARATUS
4,412,298	10/25/1983	METHOD FOR TRACKING CREEP AND DRIFT IN A DIGITAL SCALE UNDER FULL LOAD
4,500,880		REAL TIME, COMPUTER-DRIVEN RETAIL PRICING DISPLAY SYSTEM
4,509,129	1 :	ELECTRONIC CALCULATING MACHINE WITH FACILITIES OF ANNOUNCING DATA INTRODUCED
4,529,871	07/16/1985	PRICE MARKING SYSTEM
4,549,867		ELECTRONIC LEARNING AID WITH RANDOM NUMBER MODES
4,574,317		HAND SCANNABLE PORTABLE COPIER AND METHOD
4,602,152		BAR CODE INFORMATION SOURCE AND METHOD FOR DECODING SAME
4,605,080	08/12/1986	SPEECH RECOGNITION CONTROL SYSTEM AND METHOD
4,660,160		ELECTRONIC WEIGHING DEVICE HAVING LABEL PRINTER WITH DATA STABILITY CHECK
4,661,908		SALES DATA PROCESSING SYSTEM
4,688,105		VIDEO RECORDING SYSTEM
4,709,770	12/01/1987	DEVICE FOR CORRECTING DYNAMIC WEIGHT SIGNAL FROM CONVEYER WEIGHER

4,725,822 4,734,713 4,736,098 4,766,296 4,766,299 4,800,493	02/02/1988 02/16/1988 03/29/1988 04/05/1988 08/23/1988 08/23/1988 01/24/1989	MAGNETIC DETECTION SYSTEM FOR ITEMS ON THE LOWER TRAY OF A SHOPPING CART SHOPPING CART WITH LOWER TRAY SIGNALLING DEVICE THERMAL PRINTER SIGNALLING METHOD AND APPARATUS FOR A CONVENTIONAL SHOPPING CART ARTICLE CHECKOUT COUNTER AND SYSTEM
4,725,822 4,734,713 4,736,098 4,766,296 4,766,299 4,800,493	02/16/1988 03/29/1988 04/05/1988 08/23/1988 08/23/1988 01/24/1989	LOWER TRAY OF A SHOPPING CART SHOPPING CART WITH LOWER TRAY SIGNALLING DEVICE THERMAL PRINTER SIGNALLING METHOD AND APPARATUS FOR A CONVENTIONAL SHOPPING CART ARTICLE CHECKOUT COUNTER AND SYSTEM
4,734,713 4,736,098 4,766,296 4,766,299 4,800,493	03/29/1988 04/05/1988 08/23/1988 08/23/1988 01/24/1989	DEVICE THERMAL PRINTER SIGNALLING METHOD AND APPARATUS FOR A CONVENTIONAL SHOPPING CART ARTICLE CHECKOUT COUNTER AND SYSTEM
4,736,098 4,766,296 4,766,299 4,800,493	03/29/1988 04/05/1988 08/23/1988 08/23/1988 01/24/1989	THERMAL PRINTER SIGNALLING METHOD AND APPARATUS FOR A CONVENTIONAL SHOPPING CART ARTICLE CHECKOUT COUNTER AND SYSTEM
4,736,098 4,766,296 4,766,299 4,800,493	04/05/1988 08/23/1988 08/23/1988 01/24/1989	SIGNALLING METHOD AND APPARATUS FOR A CONVENTIONAL SHOPPING CART ARTICLE CHECKOUT COUNTER AND SYSTEM
4,766,296 4,766,299 4,800,493	08/23/1988 08/23/1988 01/24/1989	CONVENTIONAL SHOPPING CART ARTICLE CHECKOUT COUNTER AND SYSTEM
4,766,299 4,800,493	08/23/1988 01/24/1989	
4,800,493	01/24/1989	
		HAND-MOUNTED BAR CODE READER
	06/40/4000	ELECTRONIC CASH REGISTER
L		APPARATUS FOR CHECKING OUT PURCHASES
4,866,661		COMPUTER CONTROLLED RENTAL AND SALE SYSTEM
		AND METHOD FOR A SUPERMARKET AND THE LIKE
		POINT-OF-SALE APPARATUS
		OPTICAL WAND INTERFACE TO FIXED SCANNER
		ARTICLE PRICE INDICATOR
4,964,167		APPARATUS FOR GENERATING SYNTHESIZED VOICE FROM TEXT
4,971,177	11/20/1990	DATA GATHERING SYSTEM HOUSING/MOUNTING
4,975,948	12/04/1990	RAPID DIALING METHOD FOR TELECOMMUNICATIONS
5,053,636	10/01/1991	OVERRIDE CIRCUIT FOR MEDICAL TABLE
5,058,691		INFRARED DETECTOR FOR ENSURING CORRECT WEIGHING
5,079,412	01/07/1992	POINT OF SALE DATA PROCESSING APPARATUS FOR HANDY TYPE BAR CODE READER WHICH CAN BE FLUSH MOUNTED
5,121,103	06/09/1992	LOAD ISOLATED ARTICLE SURVEILLANCE SYSTEM AND ANTENNA ASSEMBLY
5,123,494		ANTI-THEFT WEIGHING SYSTEM
	08/18/1992	POINT-OF-SALE SCANNER/SCALE SYSTEM WITH SCALE ACTIVATION OF SCANNER
5,140,145	08/18/1992	BAR CODE READER TEST AND TAMPERING INDICATION SYSTEM
5,142,161		HAND-HELD OPTICAL SCANNER AND HIGHLIGHTER
5,149,211	09/22/1992	PRINTERS AND ANCILLARY SYSTEMS
	12/29/1992	POINT-OF-SALE SCANNER/SCALE SYSTEM WITH SCALE ACTIVATION OF SCANNER
5,177,345	01/05/1993	MERCHANDISE SCANNER FOR RETAIL STORES
	01/05/1993	BAR CODE ACTIVATED SPEECH SYNTHESIZER TEACHING DEVICE
5,178,234		CHECKOUT APPARATUS
	02/23/1993	BAR CODE READER OPERABLE AS REMOTE SCANNER OR WITH FIXED TERMINAL
5,195,613		COMMODITY DATA READER
<del></del>		WEIGHER-CONVEYOR SYSTEM
	07/27/1993	BAR CODE READING INSTRUMENT WHICH PROMPTS OPERATOR TO SCAN BAR CODES PROPERLY
	10/26/1993	SCANNING SYSTEM FOR PREFERENTIALLY ALIGNING A PACKAGE IN AN OPTIMAL SCANNING PLANE FOR DECODING A BAR CODE LABEL
5,265,075	11/23/1993	VOICE PROCESSING SYSTEM WITH EDITABLE VOICE

Patent No.	Issue Date	Title
		FILES
5,293,319	03/08/1994	POSTAGE METER SYSTEM
5,314,631	05/24/1994	STATIONARY BAR CODE READER WHICH CAN BE
		DETECTED AND SEPARATED INTO A HAND-HELD BAR
		CODE READER
5,334,826	08/02/1994	METHOD AND APPARATUS FOR EXTENDING AND
		CONFIRMING THE SERVICE LIFE OF SEMICONDUCTOR LASER OF BAR CODE READER BY DETECTING CURRENT
		INCREASE CORRESPONDING TO TEMPERATURE OF
		SEMICONDUCTOR LASER
5,335,171	08/02/1994	ELECTRONIC REGISTER
5,365,050	11/15/1994	PORTABLE DATA COLLECTION TERMINAL WITH VOICE
		PROMPT AND RECORDING
5,374,815	12/20/1994	TECHNIQUE FOR LOCATING ELECTRONIC LABELS IN AN
		ELECTRONIC PRICE DISPLAY SYSTEM
5,382,779		SHELF PRICE LABEL VERIFICATION APPARATUS AND
		METHOD
5,393,965	1	FLEXIBLE MERCHANDISE CHECKOUT AND INVENTORY
		MANAGEMENT SYSTEM
5,406,063		HAND-HELD DATA SCANNER HAVING ADJUSTABLE
5,410,108		KEYBOARD PANEL COMBINED SCANNER AND SCALE
5,412,191		SERVICE DESK FOR THE REGISTRATION, BOOKING
5,412,191		AND/OR PAYMENT OF GOODS, VOUCHERS AND THE LIKE
5,424,521		ARTICLE CHECKOUT SYSTEM WITH PRICE PARAMETER
, ,		OVERRIDE CAPACITY
5,448,226	09/05/1995	SHELF TALKER MANAGEMENT SYSTEM
5,454,063	09/26/1995	VOICE INPUT SYSTEM FOR DATA RETRIEVAL
5,461,561	10/24/1995	SYSTEM FOR RECOGNIZING DISPLAY DEVICES
5,478,989	12/26/1995	NUTRITIONAL INFORMATION SYSTEM FOR SHOPPERS
5,482,139	01/09/1996	AUTOMATED DRIVE-UP VENDING FACILITY
5,488,202	01/30/1996	WEIGHING DEVICE FOR THE REGISTRATION OF GOODS
		IN STORES
5,493,107	1	SHELF PRICE LABEL AND PRODUCT PLACEMENT
		VERIFICATION METHOD AND APPARATUS
5,493,613		COMBINATION PIN PAD AND TERMINAL
5,500,890		POINT-OF-SALE SYSTEM USING MULTI-THREADED
5 505 700		TRANSACTIONS AND INTERLEAVED FILE TRANSFER
5,525,786	06/11/1996	MULTIDIRECTIONAL SCAN, PLATFORM PURCHASE
5,546,475	08/13/1006	CHECKOUT SYSTEM PRODUCE RECOGNITION SYSTEM
5,577,165		SPEECH DIALOGUE SYSTEM FOR FACILITATING
3,377,103		IMPROVED HUMAN-COMPUTER INTERACTION
5,579,000		AUDIO/VIDEO PRICE CONFIRMATION SYSTEM
5,594,469		HAND GESTURE MACHINE CONTROL SYSTEM
5,644,630		INTERCOM SYSTEM FOR A SERVICE ESTABLISHMENT
5,708,782		METHOD AND APPARATUS FOR DISPENSING DISCOUNT
5,7 50,7 02		COUPONS
5,721,536		AUDIO/VIDEO PRICE CONFIRMATION SYSTEM
5,740,744		THROUGH-WALL TYPE AUTOMATIC CUSTOMER SERVICE
		APPARATUS

Patent No.	Issue Date	Title
5,756,978	05/26/1998	MODULAR OPTICAL MEMORY CARD IMAGE DISPLAY
		POINT OF SALE TERMINAL
5,756,984	05/26/1998	HANDY SCANNER
5,769,269	06/23/1998	VENDING SYSTEM
5,780,825	07/14/1998	AUTOMATIC TELLER MACHINE INCLUDING A HALT
		REQUESTING MECHANISM IN A DURSS PERIOD
5,784,446	07/21/1998	METHOD AND APPARATUS FOR INSTALLING TELEPHONE INTERCOM-VOICE MESSAGING APPARATUS AT DOORBELL FOR DWELLING
5,801,371	09/01/1998	OPTICAL READER WITH INDEPENDENT TRIGGERING AND GRAPHICAL USER INTERFACE
5,801,766	09/01/1998	SECURITY SYSTEM FOR USE AT A ROULETTE TABLE
5,832,417		APPARATUS AND METHOD FOR AN AUTOMATIC SELF- CALIBRATING SCALE
5,832,457	11/03/1998	METHOD AND APPARATUS FOR SELECTIVE DISTRIBUTION OF DISCOUNT COUPONS BASED ON PRIOR CUSTOMER BEHAVIOR
5,837,991		CARD TRANSPORT MECHANISM AND METHOD OF OPERATION
5,845,259		ELECTRONIC COUPON DISPENSING SYSTEM
5,884,281		ELECTRONIC GROCERY LISTER
5,890,135	03/30/1999	SYSTEM AND METHOD FOR DISPLAYING PRODUCT INFORMATION IN A RETAIL SYSTEM
5,914,473	06/22/1999	METHOD OF SCANNING BAR CODES OF BULKY ITEMS
5,925,872	07/20/1999	SCANNING SYSTEM FOR EITHER HAND-HELD OR STATIONARY OPERATION FOR READING 1-D OR 2-D BARCODES
5,950,173		SYSTEM AND METHOD FOR DELIVERING CONSUMER PRODUCT RELATED INFORMATION TO CONSUMERS WITHIN RETAIL ENVIRONMENTS USING INTERNET-BASED INFORMATION SERVERS AND SALES AGENTS
5,970,470	10/10/1999	SYSTEM AND METHOD FOR ESTABLISHING AND MANAGING SUBSCRIPTION PURCHASE AGREEMENTS INCLUDING COMMITMENTS TO PURCHASE GOODS OVER TIME AT AGREED UPON PRICES
5,979,757		METHOD AND SYSTEM FOR PRESENTING ITEM INFORMATION USING A PORTABLE DATA TERMINAL
5,984,177		MULTIPLE CONFIGURATION AUTOMATIC TELLER MACHINE
5,993,047	11/30/1999	APPARATUS AND METHOD FOR REQUESTING AND DISPENSING NEGOTIABLE INSTRUMENTS
5,997,170		SYSTEM AND METHOD FOR REPORTING VENDING STATUS
6,000,522	12/14/1999	MULTI-COMPARTMENT AND ACCEPTORS COMPUTERIZED VENDING MACHINE
6,002,808	12/14/1999	HAND GESTURE CONTROL SYSTEM
6,056,194	05/02/2000	SYSTEM AND METHOD FOR NETWORKING AND CONTROLLING VENDING MACHINES
D296788	07/19/1988	COMBINED PORTABLE DATA SCANNER AND PRINTER
RE35758	04/17/1990	VOICE/DATA-FORMATTED TELEPHONE INFORMATION STORAGE AND RETRIEVAL SYSTEM

Respectfully submitted,

Paul W. Martin Reg. No. 34870

Attorney for Applicant(s)

NCR Corporation, Law Department, WHQ-5E 1700 S. Patterson Blvd., Dayton, OH 45479-0001 Tel. No. 937-445-2990/Fax No. 937-445-6794

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PTO/SB/08A (08-00)
Approved for use through 10/31/2002. OMB 0651-0031
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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of

Complete if Known			
Application Number	10/084,588		
Filing Date	February 27, 2002		
First Named Inventor	James Morrison et al.		
Group Art Unit	2161		
Examiner Name	Unknown		
Attorney Docket Number	7540.10		

				U.S. PATENT DOCL	JMENTS	
Examiner Initials*	Cite No.1	U.S. Patent I Number	Document Kind Code <sup>2</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		3,182,357	7	Tuttle	05-11-1965	
		3,688,873	3	Potrafke	09-05-1972	
		3,725,895	5	Haynes	04-03-1973	
		3,836,755	5	Ehrat	09-17-1974	
		3,878,365	5	Schwartz	04-15-1975	
		4,071,740		Gogulski	01-31-1978	
		4,084,742	2	Silverman	04-18-1978	
		4,373,133	3	Clyne et al.	02-08-1983	
		4,583,083	3	Bogasky	04-15-1986	
		4,583,619	9	Fry	04-22-1986	SEP 9 F
		4,676,343	3	Humble et al.	01-30-1987	GD 2002
		4,679,154	1	Blanford	07-07-1987	
		4,715,457	7	Amacher et al.	12-29-1987	3600
		4,775,782	2	Mergenthaler et al.	10-04-1988	
		4,779,706	5	Mergenthaler	10-25-1988	
		4,787,467	7	Johnson	11-29-1988	
		4,789,048	3	Cramer et al.	12-06-1988	
		4,792,018	3	Humble et al.	12-20-1988	
		4,909,356	5	Rimondi et al.	03-20-1990	
		4,929,819	)	Collins, Jr.	05-29-1990	

					FORE	IGN PATENT DOCUMEN	rs	-	
Examiner Initials*	Cite No.1	Kind Codes I			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T6	
			BE	899018	<del></del>			06-18-1984	
		DE	1927819				02-04-1971		
		DE	2125869				12-07-1972		
		DE	3114139 A1				11-04-1982		
		DE	3330301 A1				03-14-1985		
		EР	0060701 B1	·			09-22-1982		
		EΡ	0124355 B1				11-07-1984		
		EP	0178223 A2				04-16-1986		
		EP	0491348 A2				06-24-1992		T
		EP	0811958 A2				12-10-1997		

Examiner	Date	
Signature	Considered	

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet	2	of	6

Co	omplete if Known
Application Number	10/084,588
Filing Date	February 27, 2002
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				U.S. PATENT D	OCUMENTS		
Examiner Initials*	Cite No.1	U.S. Pate Number	ent Docume Kind Co (if know	Name of Patentee or Applica  of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		4,940,1	116	O'Connor et al.	07-10-1990		
		4,947,0	028	Gorog	08-07-1990		
		4,964,0	)53	Humble	10-16-1990		
		5,004,9	916	Collins, Jr.	04-02-1991		
•		5,040,6	536	Forsythe et al.	08-20-1991		
		5,083,6	538	Schneider	01-28-1992		
		5,115,8	388	Schneider	05-26-1992		
		5,125,4	165	Schneider	06-30-1992		
		5,139,1	100	Brauneis	08-18-1992		
		5,168,9	961	Schneider	12-08-1992		n
		5,174,4	113	Cappi et al.	12-29-1992		
		5,191,7	749	Cappi et al.	03-09-1993	SEP	W F
		5,250,7	789	Johnsen	10-05-1993	GD 452	200
		5,297,0	)30	Vassigh et al.	03-22-1994		UU
		5,315,0	)97	Collins, Jr. et a	1. 05-24-1994		^
		5,340,9	970	Wolfe, Jr. et al.	08-23-1994	96	5/
		5,343,0	25	Usui	08-30-1994		- G
		5,345,0	71	Dumont	09-06-1994		
		5,361,8	371	Gupta et al.	11-08-1994		
		5,375,6	580	Ikeda et al.	12-27-1994		

				FORE	IGN PATENT DOCUMENT	rs		
Examiner Initials	Cite No.1	Office	Foreign Patent Doc  Number4	ument Kind Code <sup>5</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	16
		ΕP	0905656 A2			03-31-1999		
		GB	2068132 A			08-05-1981		
		GB	2285687 A			07-19-1995		
		JΡ	5314367			11-26-1993		
		JP	11328299			11-30-1999		
<u> </u>								

Examiner	 Date	
Signature	Considered	

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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Sheet 3 of 6

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		5,378,86	0 .	Dingfelder et al.	01-03-1995	
		5,397,88	2	Van Solt	03-14-1995	
		5,398,19	1	Komai	03-14-1995	
		5,424,52	4	Ruppert et al.	06-13-1995	
		5,426,28	2	Humble	06-20-1995	
		5,426,42	3	Raimbault et al.	06-20-1995	
		5,434,39	4	Roach et al.	07-18-1995	
		5,437,34	6	Dumont	08-01-1995	
		5,448,04	6	Swartz	09-05-1995	
		5,457,30		Dumont	10-10-1995	
		5,484,99	1	Sherman et al.	01-16-1996	
		5,485,00	6	Allen et al.	01-16-1996	O SEP 2 PA
		5,489,77	3	Kumar	02-06-1996	. 5 20
		5,494,13	6	Humble	02-27-1996	(10)
		5,497,31	4	Novak	03-05-1996	
		5,497,85	3	Collins, Jr. et al.	03-12-1996	<b>し</b> いか、
		5,540,30		Dumont	07-30-1996	ر به الله
		5,543,60	7	Watanabe et al.	08-06-1996	
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Initials	No.1	Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)	Applicant of Cited Document	Cited Document MM-DD-YYYY	Passages or Relevant Figures Appear	<b>T</b> 6
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<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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of

Co	omplete if Known
Application Number	10/084,588
Filing Date	February 27, 2002
First Named Inventor	James Morrison et al.
Group Art Unit	2161
Examiner Name	Unknown
Attorney Docket Number	7540 10

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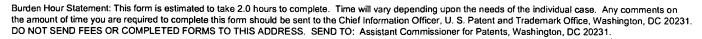
Complete if Known				
Application Number	10/084,588			
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Examiner Name	Unknown			
Attorney Docket Number	7540.10			

Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.  "Optimal Robotics Selects Diebold's ATM Cash Dispensing Technology; Industry Leading U-Scan Express Self-Checkout System To Incorporate Diebold ATM Dispensers", Business Wire, December 20, 1999  AMATO-MCCOY, DEENA, "Brookshire's Shoppers Will Soon Experience Ease and Conveniene of NCR Self-Checkout; NCR Self-Checkout Express Lets Shoppers Scan and Pay for Their Purchases", PR Newswire, February 24, 1999  AMATO-MCOY, DEENA, "Self-Checkout Test Planned at Brookshire Grocery Units", Supermarket News Page: 21(1), April 26, 1999  "More Supermarkets Can Offer Shoppers Ease and Convenience of NCR Self-Checkout", PR Newswire, February 16, 1999  POWER, DENISE, "Self-Scanning Checks In. (Meijer)", HFN The Weekly Newspaper for the Home Furnishing Network, vol. 72, Issue No. 36,	Т2
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		Search Results List: 8 Articles listed; Word or Phrase: Self and (checkout or scan?) and automat? and teller and mach, Date range: 1998 - Present; print date April 3, 2000	
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